

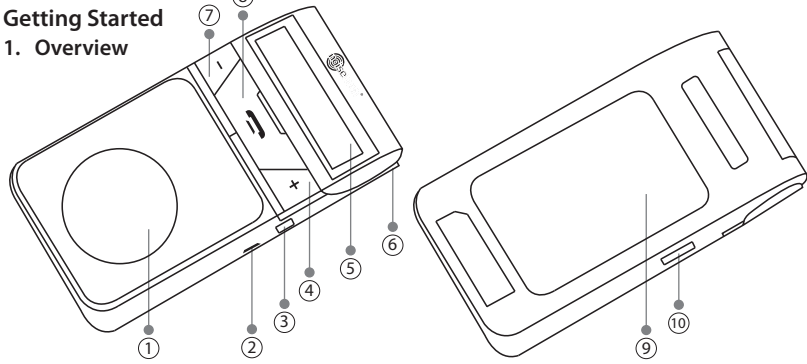


Thank you for purchasing the N650. The N650 is a solar-powered Bluetooth hands-free car kit that will help you make and receive calls while on the go. The N650 has the following features:

- Answer a call, end a call and reject a call
- Redial last number
- Voice dial (This function needs to be supported by your mobile phone)
- Volume control
- Call transfer between your mobile phone and the car kit
- Microphone mute
- LCD showing caller ID
- Caller ID memory
- Built-in phone book
- Charging by solar power
- Full duplex DSP for echo cancellation and noise reduction
- Call waiting

## Getting Started

### 1. Overview



- 1 Loudspeaker
- 2 USB port—Charging port
- 3 A/T button—Phone book transfer
- 4 + button—Increase the volume, see last phone number
- 5 LCD screen—Display current status
- 6 Microphone
- 7 – button—Reduce the volume, see next phone number
- 8 MFB button—Multi-function button (MFB)
- 9 Solar panel
- 10 ON/OFF button—Power on/off, enter pairing mode

### 2. Charging the car kit:

The car kit comes with a built-in rechargeable Li-polymer battery, prior to using it, it is recommended to charge the battery fully for the first time.

When the LCD screen displays a low power icon and a “DU” tone can be heard every 15 seconds, you have to recharge the battery of the car kit.

#### Using the USB car charger

Please connect the car kit to car cigarette lighter socket using USB car charger. It will take about 2 hours to charge the battery fully.

#### Using solar power

Please stick the car kit onto the car windshield, when the car is in sunlight, the car kit will be able to use the sunlight to charge its battery. It will take about 28 hours to charge the battery fully.

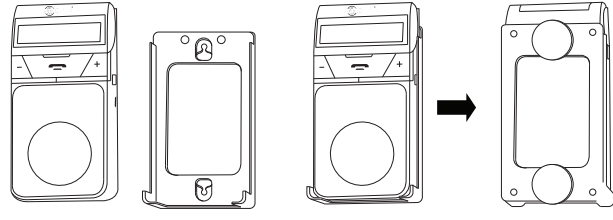
While charging is in progress, the battery icon on the LCD will blink. It will stop blinking after charging has completed.

Remark: If you want to charge the battery of the car kit by using solar power, you

must turn on the car kit firstly.

### 3. Installing the car kit:

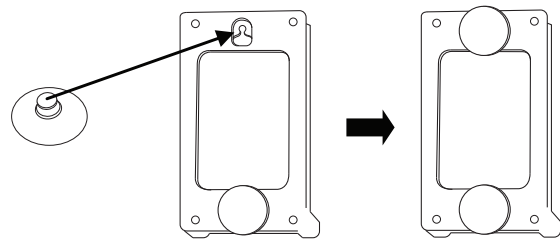
1) Installing the car kit on the windshield mount as the following pictures show:



- a) Install the car kit on the windshield mount.
- b) Let both magnets on the mount snap to the iron sheet on the back of the car kit's body to securely install the car kit on the windshield mount.

2) Installing the suction cups

As the following pictures show, install the suction cups to the suction cup hole on the back of the windshield mount.



- 3) Attach the windshield mount to the car's windshield  
Attach the windshield mount to the car's windshield. Press on the windshield mount to exhaust the air so it is properly secured to the windshield.

## Basic operation

### 1. Power on/off:

Function	Operation	Display	Indication tone
Power on	Press and hold ON/OFF button for about 2 seconds	Power On	4 rising tones
Power off	Press and hold ON/OFF button for 3~5 seconds	Power Off	4 falling tones
Enter Pairing Mode	When power off, press and hold ON/OFF button for 6~7 seconds	Pairing...	2 falling “DU” tones
Reset the hands-free kit	Press ON/OFF button and volume + button simultaneously to reset the car kit	None	None

**Note:** The car kit will turn off automatically if it is in standby mode and can't connect to any devices after 10 minutes.

### 2. Pairing with a Bluetooth mobile phone:

Prior to using the car kit for the first time, you have to pair it with a Bluetooth-enabled mobile phone. The pairing procedures are subject to different models of mobile phones. Please refer to your mobile phone's user's manual for further information. The general pairing procedures are as follows:

- 1) Keep the car kit and your Bluetooth mobile phone within 1 meter when pairing.
- 2) Make sure the car kit is turned off, otherwise turn it off.
- 3) Press and hold the ON/OFF button for about 6~7 seconds until the LCD screen displays “Pairing.” Now the car kit has entered pairing mode.
- 4) Activate your mobile phone's Bluetooth function and search for Bluetooth devices. After the search is completed, select “NoiseHush N650” from the Bluetooth device list.
- 5) According to indication, enter password or PIN No: “0000”, and press “Yes” or “confirm.”
- 6) After successful pairing, select “NoiseHush N650” from the Bluetooth device list and press “connect”. After successful connecting, the LCD screen will display the name of your mobile phone.

#### Note:

- Pairing mode will last 3 minutes. N650 will switch to standby mode automatically if it can't pair with any devices after 3 minutes. Standby mode will remain activated until the N650 runs out of power. If you want to continue to pair the N650 with a Bluetooth device, please turn off the N650 first and re-pair according to steps 1~6 mentioned above.
- The N650 can remember 8 paired devices. When the number of paired devices exceeds 8, the first one will be replaced.
- When the N650 is turned on but doesn't connect to any devices, you can press the MFB button once to connect the N650 to the last connected device.
- Every time the N650 is turned on, it will connect to the last connected device automatically. If you want to pair it with other devices, please turn off the Bluetooth function of the last connected devices first and then try to pair the N650 with a new device according to steps 1~6 mentioned above.

### 3. Built-in phone book function:

The car kit has a built-in phone book. You can transfer the phone book from your mobile phone to the car kit, which will be more convenient for you to make a call with the car kit.

- 1) Transferring the phone book from a mobile phone via A/T command: Please

make sure the N650 and the mobile phone are connected to each other and press and hold A/T button for about 3 seconds to start transfer. The LCD screen will display “Sync Phonebook” and then “Downloading...”. After the transfer has completed, the LCD screen will display “Sync Done”. If the transfer fails, the LCD screen will display “Sync Failure!”

2) Transferring phone numbers via OPP (Object Push Profile): When the N650 and your mobile phone are paired or connected, you can transfer phone numbers from your mobile phone to the N650. Please refer to your mobile phone's user manual for further information.

3) Displaying the phone book: Short press A/T button once to display names and telephone numbers. If the name on your phone is using a language other than English, just the phone number may be displayed. Press volume + button or volume – button to see the previous/next phone number.

4) Erasing the phone book: Short press A/T button once to enter the phone book and the LCD screen will now display a phone number, and then press the MFB button for about 5 seconds, the LCD screen will display “Erase All?” If you want to erase all phone numbers, short press the MFB button once and the LCD screen

will display “Erase Complete”. The phone book has been deleted.

5) Erasing a single phone number: Short press A/T button to enter the phone book. The LCD screen will display the first phone number now. By pressing volume + button or volume – button, you can search for the phone number you want to erase and by pressing volume + and volume – button simultaneously, the phone number will be deleted. The LCD screen now displays “Erase Complete”.

#### Note:

- When the phone number being transferred already has been sent to the N650, the LCD screen will display “Same Number” and prompt “Sync Complete” while exiting the transfer. When you use the N650 to import all phone numbers from a mobile phone, the LCD screen will display “Same Number” when encountering an already copied number and move on with the next one.

- The car kit's phone book can store 400 phone numbers at most. When transferring the phone book from a mobile phone via AT command, the N650 can only search 400 phone numbers stored in the mobile phone and 200 phone numbers stored in the mobile phone's SIM card.

www.noisehush.com

#### Contact Us

For additional help or to purchase accessories such as AC / DC, please visit us at [www.noisehush.com](http://www.noisehush.com)

- When transferring the phonebook from the mobile phone via AT command, an HFP connection will be used.

### 4. Call records:

The N650 can store the last 20 call records, including received calls and missed calls.

- 1) Checking call records: With the N650 in standby mode and connected to a device, short press volume + button or volume – button to check the call records. The LCD screen will display the corresponding phone number and contact name, simply press the MFB button to dial the phone number.
- 2) Erasing call records: When the LCD screen displays a phone number, press volume + button and volume – button simultaneously to erase the current phone number. After deletion, the LCD screen will display “Erase Complete.”

### 5. Making a call with the car kit:

You can make a call with the N650 when it connects to a mobile phone, and you can make a call in different ways.

- 1) Make a call from your mobile phone: Find the number you want to dial from the phone book of your mobile phone and dial it.
- 2) Make a call from the phone book of N650: When the N650 is in standby mode, short press A/T button once to open the phone book of N650, LCD screen will display the phone book of N650, and then press volume + button or volume – button to see previous or next phone number to find the number you want to dial, lastly short press the MFB button.
- 3) Make a call from the call records of the N650: With the N650 in standby mode, short press volume + button or volume – button once to open the call records of the N650. The LCD screen will display the last incoming call, press volume + button or volume – button to see previous or next phone number to find the number you want to dial, lastly short press the MFB button.
- 4) Redial last number from the N650: Double click the MFB button to dial last number.

Operations are as follows:

Function	Operation	Indication tone
Voice dial	Short press MFB button once	4 rising tones
Redial last number	Double click MFB button	4 falling tones
Cancel calling	Short press MFB button once	2 falling “DU” tones
Volume up	Short press volume + button	None
Volume down	Short press volume – button	None
End a call	Short press MFB button once	4 rising tones
Answer a call	Short press MFB button once	4 falling tones
Reject a call	When there is an incoming call, short press MFB button twice	2 falling “DU” tones
Transfer call (N650 to mobile phone)	Press and hold volume + button for 2 seconds	A short tone

Transfer call (mobile phone to N650)	Press and hold volume + button for 2 seconds	A short tone
Microphone mute	Press and hold volume – button for 2 seconds	A short tone
Cancel mute	Press and hold volume – button for 2 seconds	A short tone
Reconnection	Short press MFB button once	2 long tones

#### Note:

- Not all mobile phones support all the functions listed above. Please refer to your mobile phone's user manual for further information.
- When the volume is adjusted to max or minimal, you will hear a long “DU” tone.
- When pressing the answer button on some mobile phones, the call will be transferred to the mobile phone. In such an instance you will need to manually switch the call to the hands-free car kit. Please refer to your mobile phone's user manual for further information.

### 6. Call waiting:

The N650 supports call waiting functions, so you will never have to worry about missing a call while talking on the phone. It requires your mobile phone to have the call waiting function enabled.

Operations are as follows:

Function	Operation	Indication tone
Incoming ring	When there is a new incoming call, the N650 will ring	4 rising tones
End current call and then answer a new call	When there is a new incoming call, short press MFB button once	4 falling tones
Keep current call and then answer a new call	When there is a new incoming call, press and hold MFB button for about 2 seconds, the LCD screen will display “Call 2” when answered	2 falling “DU” tones

Call transfer	Press and hold MFB button for about 2 seconds during a call	None
End current call and then switch to the call to be kept	Short press MFB button once during a call	None

**Note:** When there is a new incoming call, the LCD screen will display the caller ID. When put through and during call, the LCD screen will display “calling” on the LCD all the time.

### 7. LCD indicator:

Status of N650	Display
Power on	Power on
Power off	Power off
Pairing mode	Pairing...
Standby mode (not connected)	N650
Standby mode (connected)	Displays name of mobile phone (ex. Motorola V3ie)
During a call	
Dialing	
Incoming call	
Voice dial	
Microphone mute	

Cancel mute	
Volume adjustment	"Volume level"
Call waiting	Calling
No call records	No Record
Transferring phone book	Sync Phonebook
Transferring phone book failed	Sync Failure!
Prompting to erase phone book	Erase All?
Erasing phone number	Erasing...
Successful erasing phone book	Erase Complete
Low power	
Charging	
Fully charged	

### 8. Indication tone:

Status of N650	Indication tone
Microphone is mute	Two “DU” tones every 5 seconds
Low power	A “DU” tone every 15 seconds

#### Care and maintenance:

Read the following recommendations before using the N650. The following will enable you to enjoy the N650 for many years.

- Keep the car kit dry and don't take it to damp places to avoid the product's internal circuit from being affected.
- Do not expose the car kit to temperatures higher than 60 °C.
- Don't expose the car kit to cold areas. It may damage the internal circuit board.
- Don't try to disassemble the car kit as it may get damaged if you are not a professional certified repair person.
- Don't let the car kit fall down onto the floor or other hard surfaces. The internal circuit may get damaged.
- Don't use intensive chemical products or detergent to clean the car kit.
- Don't scratch the surface with sharp things.

#### Note:

In case the car kit doesn't function properly, send it to the store you bought it from. The staff will help you solve the problem.

#### TROUBLESHOOT:

##### 1. What to do when there is noise:

- a) Keep a little distance between N650 and your mobile phone to minimize interferences due to mobile phone radiation.
- b) Stay within the Bluetooth operating range and avoid barriers between the devices to ensure good conversation quality.

##### 2. What to do when there is no sound:

- a) Make sure N650 is charged and turned on.
- b) Ensure N650 is connected to your mobile phone. If they are not connected, press MFB once to reconnect or check your mobile phone's Bluetooth device list.

##### 3. What to do when N650 doesn't connect to your mobile phone:

- a) Make sure the N650 is charged and turned on.
- b) Ensure the N650 is paired with your mobile phone.
- c) Make sure your mobile phone's Bluetooth function is turned on, refer to its user manual for further information.

- d) Keep the N650 and your mobile phone within 10 meters and make sure there are no barriers like walls or other electronic devices between them.
- e) Try re-pairing your cell phone with the N650 in case you still encounter difficulties.

##### 4. What to do when N650 can't be turned off:

Press ON/OFF button and volume + button simultaneously to turn off the N650.

#### Specifications

Bluetooth specification	Bluetooth V2.1
Bluetooth profiles	HSP and HFP
Operating distance	Up to 10 meters Class II
Talk time	Up to 10 hours
Standby time	Up to 160 hours
Charging input voltage	DC 5 V

Charging time	About 2 hours
Solar panel	5.5V 50mA
Working temperature	-10~60°C
Storage temperature	-20~70°C
Dimensions	106x54x15mm
Weight	Main body: 65g Windshield mount: 14g

#### Note:

1. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
  - a) This device may not cause harmful interference.
  - b) This device must accept any interference received, including interference that may cause undesired operation.

2. Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.